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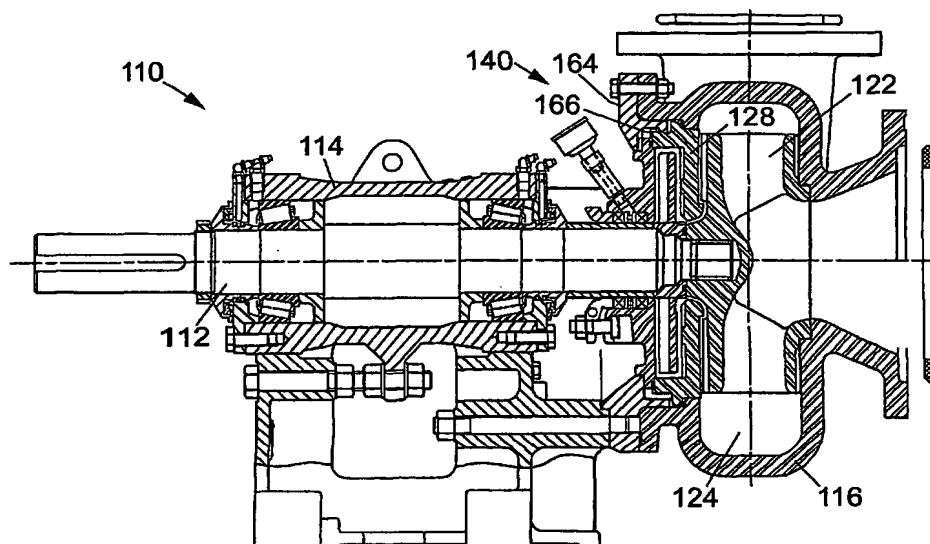
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(54) Title: PUMP INSERT AND ASSEMBLY



(57) Abstract: A pump insert (128) has an inner surface which in use defines a portion of a volute (124) of a pump (110) wherein said pump insert (128) is adapted to be coupled with a pump casing (116) by an inter-engaging profiled coupling arrangement (166). In one disclosed embodiment the pump insert (128) is adapted to engage a pump casing closure plate (148) which is locatable about a pump shaft (112) and between the pump insert (128) and the pump casing (110).



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